



NOTES

ALL LOCATIONS ARE APPROXIMATE
CHAMBER 1

INFLUENT PIPE CONSISTS OF 48" DIA. CORRUGATED METAL. EFFLUENT PIPE CONSISTS OF 42" DIA. STEEL PIPE SLEEVED THROUGH EXISTING PIPE TO A CONCRETE MANHOLE STRUCTURE INSTALLED IN MAY 2010. BASE OF STRUCTURE OPEN TO THE ENVIRONMENT.

CHAMBER 2

INFLUENT PIPE CONSISTS OF 42" DIA. STEEL PIPE ORIGINATING FROM CONCRETE MANHOLE, BOTH INSTALLED IN MAY 2010. WATER FLOWS OVER THE WOOD WEIR AND BENEATH THE HANGING BAFFLE. CONCRETE FLOOR INSTALLED AT BASE OF STRUCTURE IN MAY 2010.

CHAMBER 3

WATER DISCHARGES TO CHAMBERS 4&6 BENEATH THE 66" CHARLESTOWN OVERFLOW CHAMBER AND PIPING THROUGH TWO 48" DIA. STEEL PIPES. CONCRETE FLOOR INSTALLED AT BASE OF STRUCTURE IN MAY 2010. INFLUENT PIPE FOR FLOW FROM B&M PROPERTY IS 30" DIA. CORRUGATED METAL.

CHAMBER 4

THE ORIGINAL PUMPS IN CHAMBER 4 ARE INACTIVE. TWO SUBMERSIBLE PUMPS RATED AT 90 GPM PULL WATER FROM CHAMBER 4 AND DISCHARGE TO CHAMBER 5. WATER ALSO DISCHARGES THROUGH THE 48" CIRCULAR FLAP TO CHAMBER 5.

CHAMBERS 5&6

CHAMBERS 5&6 ARE HYDRAULICALLY CONNECTED BY A 48" DIAMETER OPENING AT THE BOTTOM OF CHAMBERS.

MILLERS RIVER OUTFALL PIPES

THE TWO 48" DIA. STEEL OUTFALL PIPES ORIGINATING IN CHAMBER 6 ARE FUNCTIONAL. THE 48" DIA. STEEL OUTFALL PIPE ORIGINATING IN CHAMBER 5 HAS BEEN DECOMMISSIONED SOMEWHERE BETWEEN CHAMBER 5 AND THE MILLERS RIVER; AND IS NOT CURRENTLY FUNCTIONAL.

FORMER COMBINED SEWER OVERFLOW CHAMBER

60" FLAP VALVES HAVE BEEN SEALED SO THAT CHARLESTOWN FLOW DOES NOT DISCHARGE TO THE MILLERS RIVER. ADDITIONALLY, ORIGINAL WEIR IN OVERFLOW CHAMBER HAS BEEN EXTENDED TO CEILING OF THE CHAMBER CREATING A WALL, SO THAT CHARLESTOWN FLOW DOES NOT DISCHARGE TO MILLERS RIVER.

CHARLESTOWN FLOW CONTINUES TO THE MWRA PRISON POINT CSO FACILITY.